Section 1. Registration Information

Source Identification

Facility Name:	Atlas Logistics Retail Services LLC
Parent Company #1 Name:	The Kroger Company
Parent Company #2 Name:	Americold Logistics LLC

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	20080229 complete (Tolleson, AZ)
Receipt Date:	08-Mar-2013
Postmark Date:	08-Mar-2013
Next Due Date:	08-Mar-2018
Completeness Check Date:	08-Mar-2013
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0015 6877
Other EPA Systems Facility ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	
Parent Company #1 DUNS:	
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	500 S 99th Avenue
Street 2:	
City:	Tolleson
State:	ARIZONA
ZIP:	85353
ZIP4:	9700
County:	MARICOPA

Facility Latitude and Longitude

Latitude (decimal):	33.440556
Longitude (decimal):	-112.273639
Lat/Long Method:	GPS Code Measurements (Psuedo Range) Precise Positioning Service
Lat/Long Description:	Storage Tank
Horizontal Accuracy Measure:	15
Horizontal Reference Datum Name:	World Geodetic System of 1984
Source Map Scale Number:	

Owner or Operator

Operator Name:	Atlas Logistics Retail Services
Operator Phone:	(623) 936-2255

Mailing Address

Operator Street 1:	500 S 99th Avenue
Operator Street 2:	
Operator City:	Tolleson
Operator State:	ARIZONA
Operator ZIP:	85353
Operator ZIP4:	9700
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Chris Zoltz
RMP Title of Person or Position:	Safety Coordinator
RMP E-mail Address:	chris.zoltz@kroger.com

Emergency Contact

Emergency Contact Name:	James Baker
Emergency Contact Title:	Plant Engineer
Emergency Contact Phone:	(623) 936-2381
Emergency Contact 24-Hour Phone:	(623) 518-0505
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	james.baker@kroger.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Maricopa County LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	820
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	09-Oct-2012
Last Safety Inspection Performed By an External Agency:	Fire Department

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:	Maul Foster & Alongi, Inc.
Preparer Phone:	(503) 501-5237
Preparer Street 1:	2001 NW 19th Ave.
Preparer Street 2:	Suite 200
Preparer City:	Portland
Preparer State:	OREGON
Preparer ZIP:	97209
Preparer ZIP4:	
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents: See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000040731
Description:	Produce Facility
Process Chemical ID:	1000048954
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	30000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000040729
Description:	Distribution Center (FDM)
Process Chemical ID:	1000048953
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	93000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000040729
Process NAICS ID:	1000041151
Program Level:	Program Level 3 process
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage

Process ID:	1000040731
Process NAICS ID:	1000041152
Program Level:	Program Level 3 process
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000033599

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	Yes
Berms:	
Drains:	
Sumps:	
Other Type:	

Toxic Worst ID: 1000033600

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	Yes
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000035549

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	
Other Type:	

Toxic Alter ID: 1000035550

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	

Emergency Shutdown:
Other Type:

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

Prevention program for the Distribution Center (FDM) refrigeration system

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000042024
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7
Prevention Program Level 3 ID:	1000035559
NAICS Code:	49312

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	04-Mar-2013

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	04-Feb-2009

The Technique Used

What If:	Yes
Checklist:	Yes
What If/Checklist:	
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	04-Feb-2009

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	Yes
Floods (Flood Plain):	

Tornado:	
Hurricanes:	
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	Yes
Emergency Power:	Yes
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	Yes
Quench System:	Yes
Purge System:	Yes
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	Yes
Dikes:	
Fire Walls:	Yes
Blast Walls:	
Deluge System:	Yes
Water Curtain:	
Enclosure:	Yes
Neutralization:	
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	Yes
Installation of Process Controls:	Yes
Installation of Process Detection Systems:	Yes

Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	04-Mar-2013

Training

Training Revision Date (The date of the most recent review or revision of training programs):	31-Jan-2013

The Type of Training Provided

Classroom:	
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	04-Mar-2013
Equipment Inspection Date (The date of the most recent equipment inspection or test):	04-Mar-2013
Equipment Tested (Equipment most recently inspected or tested):	Compressors

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	04-Jun-2012
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	11-Jul-2012

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	11-Jul-2012

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	16-Feb-2011
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	01-Jun-2013

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	16-Feb-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	16-Feb-2011

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	16-Feb-2011
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	16-Feb-2011

Confidential Business Information

CBI Claimed:	

Description

Prevention program for the Produce Facility refrigeration system.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000042025
Chemical Name:	Ammonia (anhydrous)

Flammable/Toxic:	Toxic
CAS Number:	7664-41-7
Prevention Program Level 3 ID:	1000035560
NAICS Code:	49312

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	04-Mar-2013

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	04-Feb-2009

The Technique Used

What If:	Yes
Checklist:	Yes
What If/Checklist:	
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	04-Feb-2009

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	Yes
Floods (Flood Plain):	
Tornado:	
Hurricanes:	
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	

Manual Shutoffs:	Yes
Automatic Shutoffs:	
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	Yes
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	Yes
Dikes:	
Fire Walls:	Yes
Blast Walls:	
Deluge System:	Yes
Water Curtain:	
Enclosure:	Yes
Neutralization:	
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	Yes
Installation of Process Controls:	Yes
Installation of Process Detection Systems:	Yes
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	04-Mar-2013

Training

Training Revision Date (The date of the most recent review or revision of training programs):	31-Jan-2013

The Type of Training Provided

Classroom:	
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	04-Mar-2013
Equipment Inspection Date (The date of the most recent equipment inspection or test):	04-Mar-2013
Equipment Tested (Equipment most recently inspected or tested):	Compressors

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	04-Feb-2013
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	06-Feb-2013

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	06-Feb-2013

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	16-Feb-2011

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	01-Jun-2013

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	16-Feb-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	16-Feb-2011

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	16-Feb-2011
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	16-Feb-2011

Confidential Business Information

CBI Claimed:	

Section 8. Program Level 2

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	12-Jun-2012

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	12-Feb-2013

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Tolleson Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(623) 936-8500

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	Yes
Clean Water Regulations at 40 CFR 112:	
RCRA Regulations at CFR 264, 265, and 279.52:	
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	
State EPCRA Rules or Laws:	Yes
Other (Specify):	

Executive Summary

1.0 EXECUTIVE SUMMARY

1.10 Accidental Release Prevention and Emergency Response Policies

The Atlas Logistics Retail Services LLC (Atlas) Distribution Center and Produce Facility refrigeration systems use pure anhydrous ammonia (a commonly used refrigerant for industrial systems) as the refrigerant. Given the quantity handled, anhydrous ammonia is considered a hazardous substance by EPA. Many of the properties that make ammonia valuable as a refrigerant also require that precautions and procedures be in place to protect employee and public health and safety during a chemical emergency. It is the policy of Atlas to be in compliance with all applicable federal and state rules and regulations.

We have a written Process Safety Management (PSM) plan for each process in accordance with 29 CFR 1919.119. A crucial component of these plans is the Emergency Response Plan, developed in compliance with the Emergency Response provisions of 29 CFR 1910.120. The Emergency Response Plan includes pre-emergency planning and coordinating with outside parties. This enables those who deal with emergencies to have a course of action to effectively deal with unplanned events.

1.20 Facility Description And Substances Handled

- Atlas stores and distributes refrigerated and non-refrigerated foods. Storage requires the use of refrigeration systems to preserve the product integrity. These refrigeration processes use ammonia as the refrigerant. Access to the facility is restricted to authorized employees, management personnel, and contractors.
- The regulated substance handled at this facility is anhydrous ammonia.

1.30 The worst-case release scenario(s) and the alternative release scenario(s), including administrative controls and mitigation measures to limit the distances for each reported scenario.

Release scenarios were modeled using RMP*Comp (Version 2.01), a software program developed by the National Oceanic and Atmospheric Administration (NOAA) and EPA. Offsite receptors were defined using ESRI ArcMap 10.1 in conjunction with Google Maps. This system estimates residential population within the circle defined by the endpoint of the worst-case and alternative release scenarios. In addition, it lists whether certain types of public receptors and environmental receptors are within the circles.

1.40 General Accidental Release Prevention Program And Chemical-specific Prevention Steps

Atlas complies with EPA's Accidental Release Prevention Rule and with all applicable state codes and regulations. The design and construction of this facility was in accordance with published standards, tests or recommended methods of trade, industry or governmental organizations.

Atlas' written PSM plans incorporate many policies and procedures to ensure safe operation and maintenance of this facility. Plan elements essential to safe operation of the refrigeration systems include employee participation, process hazard information, process hazard analysis, operating procedures, training, contractor safety, pre-startup safety review, mechanical integrity, management of change, hot-work permits, incident investigation, emergency response and planning, and compliance audits. These plans will be reviewed periodically and updated as necessary by the Safety Coordinator in conjunction with the refrigeration department.

1.50 Five-Year Accident History

There has been no significant release of ammonia at Atlas in the past five years.

1.60 Emergency Response Program

Atlas has a written Emergency Response Plan developed to ensure that precautions and procedures are in place to protect employee and public health and safety during a chemical emergency. It complies with the provisions of OSHA emergency Response regulations, 29 CFR 1910.120. The Emergency Response Plan includes pre-emergency planning and coordinating with outside parties. This enables those who deal with emergencies to have a course of action to effectively deal with unplanned events.

This plan has been reviewed with the Tolleson Fire Department, and approved by the Arizona Emergency Response Commission (AZSERC).

The approach in the development of this plan has been to identify the ammonia emergencies most likely to occur at Atlas and establish precautions and procedures to protect life, safety and health during an emergency. The refrigeration processes have back-up prevention systems to keep processing malfunctions from becoming ammonia release emergencies.

The role and procedures for obtaining external emergency assistance will be formally established with the Tolleson Fire Department, including the Maricopa County HazMat Team. The Emergency Response Plan also includes procedures for notification of any potentially affected neighbors.

All Atlas personnel will be trained to fulfill their designated responsibilities in an emergency. Mock emergency drills will be held periodically to maintain familiarity with response actions and identify plan elements requiring improvement.

This plan will be reviewed annually and updated as necessary by the Atlas Lead Refrigeration Technician.

1.70 Planned Changes to Improve Safety

Any upgrades or extensive maintenance work performed in the future will be in compliance with those standards applicable at that time.

Atlas identified recommendations to improve safety during the most recent compliance audit in February, 2011. These recommendations are scheduled to be completed by June, 2013.